

Title (en)  
Access point device and authentication method thereof

Title (de)  
Zugangspunkt und Authentifizierungsverfahren dafür

Title (fr)  
Point d'accès et son procédé d'authentification

Publication  
**EP 1161031 A3 20030604 (EN)**

Application  
**EP 01110754 A 20010503**

Priority  
JP 2000164519 A 20000601

Abstract (en)  
[origin: EP1161031A2] An access point device and its authentication method are provided which can dramatically improve a wireless LAN system in security level. The access point device includes: authentication request display means for notifying a network administrator administering the LAN of the presence of an authentication-requesting mobile station so as to gain the final authorization of an authentication procedure when a mobile station in the area perform the authentication procedure before the initiation of an association procedure; and authentication input means from which the network administrator notified inputs an authentication-authorizing or -rejecting instruction with respect to the authentication-requesting mobile station. <IMAGE>

IPC 1-7  
**H04L 12/28**; H04L 29/06; H04Q 7/38

IPC 8 full level  
**H04L 9/32** (2006.01); **H04L 12/28** (2006.01); **H04L 29/06** (2006.01); **H04W 12/06** (2009.01); **H04W 68/00** (2009.01); **H04W 84/12** (2009.01); **H04W 88/08** (2009.01); **H04W 92/10** (2009.01)

CPC (source: EP US)  
**H04L 63/08** (2013.01 - EP US); **H04W 12/069** (2021.01 - EP US); **H04W 68/00** (2013.01 - EP US); **H04W 84/12** (2013.01 - EP US); **H04W 88/08** (2013.01 - EP US); **H04W 92/10** (2013.01 - EP US)

Citation (search report)  
• [E] EP 1081895 A1 20010307 - INTEL CORP [US]  
• [Y] US 5940755 A 19990817 - SCOTT CHARLES RONALD [US]  
• [XY] PRASAD A R ET AL: "SECURITY ARCHITECTURE FOR WIRELESS LANS: CORPORATE & PUBLIC ENVIRONMENT", VTC 2000-SPRING. 2000 IEEE 51ST. VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS. TOKYO, JAPAN, MAY 15-18, 2000, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY: IEEE, US, vol. 1 OF 3. CONF. 51, 15 May 2000 (2000-05-15), pages 283 - 287, XP000970625, ISBN: 0-7803-5719-1

Cited by  
US7693989B2; EP2416600A1; EP1618731A4; KR100438155B1; US8243702B2; GB2393073A; CN100399840C; KR101022260B1; EP1394988A3; US7424173B2; WO03094440A1; WO03096554A3; WO03092190A1; US7835724B2; EP1488190B1; US7957353B2; US8289936B2

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